

09/868131
002.00160

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Cohen et al.)	
)	
Serial No.:	09/868,131)	Examiner:
)	
Filed:	April 11, 2002)	
)	Art Unit:
For:	METHODS)	
)	

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Commissioner for Patents
Box PCT
U.S. Patent and Trademark Office
Washington, D.C. 20231

Dear Sir:

I hereby certify that this Response to Notification of Defective Response (1 pg) with Copy of Notification, Sequence Listing pages 1-21 with 3 1/2" diskette and 1.821(f) Statement, and Preliminary Amendment (2 pgs) is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, Box PCT, U.S. Patent and Trademark Office, Washington, D.C. 20231 on

July 31, 2002

(Date)

Susan J. Braman

Susan J. Braman

"Express Mail" Mailing Label Number ET730024747US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Cohen et al.
Serial No.: 09/868,131
Filed: April 11, 2002
For: METHODS

RESPONSE TO NOTIFICATION OF DEFECTIVE RESPONSE

Commissioner for Patents
Box PCT
U.S. Patent and Trademark Office
Washington, D.C. 20231

Dear Sir:

In response to the Notification of Defective Response, which was mailed by the United States Patent and Trademark Office on **July 2, 2002**, enclosed are:

- (X) Preliminary Amendment (2 pgs)
- (X) Sequence Listing (21 pgs), 3.5" Diskette in computer readable form & 1.821(f) Statement (1 pg)
- (X) A copy of the Notification of Defective Response (5 pgs)
- (X) The Commissioner is hereby authorized to charge any fees which may be required to Deposit Account No. 50-0772.

Dated: July 31, 2002

Susan J. Braman
Susan J. Braman
Reg. No. 34,103

Braman & Rogalskyj, LLP
P.O. Box 352
Canandaigua, New York 14424-0352
Telephone: (585) 393-3002
Facsimile: (585) 393-3001



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents, Box PCT
 United States Patent and Trademark Office
 Washington, D.C. 20231
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
09/868,131	Philip Cohen	002.00160

INTERNATIONAL APPLICATION NO.

PCT/GB99/04232

I.A. FILING DATE	PRIORITY DATE
12/14/1999	12/14/1998

Susan J Braman
 Braman & Rogalskyj
 P O Box 352
 Canandaigua, NY 14424-0352

CONFIRMATION NO. 5850

371 FORMALITIES LETTER



OC000000008386179

Date Mailed: 07/02/2002

NOTIFICATION OF DEFECTIVE RESPONSE

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as an Elected Office (37 CFR 1.495):

- U.S. Basic National Fee
- Priority Document
- Biochemical Sequence Listing
- Copy of IPE Report
- Copy of references cited in ISR
- Copy of the International Application
- Copy of the International Search Report
- Oath or Declaration
- Preliminary Amendments
- Request for Immediate Examination

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

Applicant is required to complete the response within a time limit of ONE MONTH from the date of this Notification or within the time remaining in the response set forth in the Notification of Missing Requirements, whichever is the longer. No extension of this time limit may be granted under 37 CFR 1.136, but the period for response set in the Notification of Missing Requirements may be extended under 37 CFR 1.136(a).

The following items **MUST** be furnished within the period set forth below:

- The nucleotide and/or amino acid sequence disclosure contained in this application does not comply with the requirements for such a disclosure as set forth in 37 CFR 1.821-1.825 for the following reason(s):
 - A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."
 - APPLICANT MUST PROVIDE:

- An initial or substitute paper copy or compact disc of the "Sequence Listing," as well as an amendment directing its entry into the specification.

● For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (703) 308-4216
- To Purchase PatentIn Software, call (703) 306-2600
- For PatentIn Software Program Help, call (703) 306-4119 or e-mail at patin21help@uspto.gov or patin3help@uspto.gov
- A copy of the "Sequence Listing" in computer readable form has been submitted. The content of the computer readable form, however, does not comply with the requirements of 37 CFR 1.822 and/or 1.832, as indicated on the attached marked-up copy of the "Raw Sequence Listing."

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

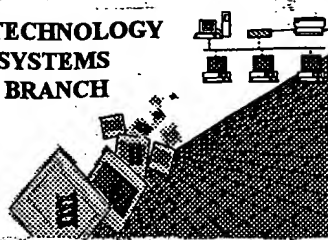
Telephone: (703) 305-6421

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
09/868,131	PCT/GB99/04232	022.00160

RAW SEQUENCE LISTING **ERROR REPORT**

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/868,131
Source: PLT/09
Date Processed by STIC: 6/5/2002

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER**
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom:

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7th Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202
Or
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002



PCT09

RAW SEQUENCE LISTING

DATE: 06/05/2002

PATENT APPLICATION: US/09/868,131

TIME: 17:30:36

Input Set : A:\00200160seq.TXT

Output Set: N:\CRF3\06052002\I868131.raw

Does Not Comply
Corrected Diskette Needed

5 <110> APPLICANT: Cohen, Philip
 6 Kobayashi, Takayasu
 7 Deak, Maria
 9 <120> TITLE OF INVENTION: Methods
 11 <130> FILE REFERENCE: 002.00160
 13 <140> CURRENT APPLICATION NUMBER: US 09/868,131
 14 <141> CURRENT FILING DATE: 2002-04-11
 16 <150> PRIOR APPLICATION NUMBER: PCT/GB99/04232
 17 <151> PRIOR FILING DATE: 1999-12-14
 19 <150> PRIOR APPLICATION NUMBER: GB 9919676.8
 20 <151> PRIOR FILING DATE: 1999-08-19
 22 <150> PRIOR APPLICATION NUMBER: US 60/112,217
 23 <151> PRIOR FILING DATE: 1998-12-14
 25 <160> NUMBER OF SEQ ID NOS: 44
 27 <170> SOFTWARE: PatentIn Ver. 2.0

ERRORED SEQUENCES

654 <210> SEQ ID NO: 9
 656 <211> LENGTH: 72 73 shown below
 658 <212> TYPE: DNA
 660 <213> ORGANISM: Artificial Sequence
 664 <220> FEATURE:
 666 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
 670 <400> SEQUENCE: 9
 672 acacggatcc gccaccatgt atccatatga tgttccagat tatgctacgg tgaaaactga 60
 E--> 674 ggctgctaag ggc 73 ←

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/868,131

DATE: 06/05/2002

TIME: 17:30:38

Input Set : A:\00200160seq.TXT

Output Set: N:\CRF3\06052002\I868131.raw

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:674 M:252 E: No. of Seq. differs, <211> LENGTH:Input:72 Found:73 SEQ:9